The Reconstruction Strategy “Internet+” from the Perspective of Education

Shunxia Zhan

Abstract

The rapid development of the Internet to broaden the platform for the development of all walks of life, but also to the traditional education mode of impact, "Internet plus education" has become a hot issue in current educational research. In the "Internet +" from the perspective of humanistic quality education has the "fusion" of "open" and "personalized" feature. Humanistic quality education should make full use of Internet technology, to take the online and offline parallel track approach, on the one hand to build online education platform, on the other hand, deepen the reform of the line of human education. In this paper, we explore the factors that influence the teaching strategies, and reveal the reasons and methods of teaching and learning. The main factors that affect the teaching strategies are: teaching objectives, learner characteristics, teaching content, teaching environment, etc..

Keywords: Internet, horizon, education, reconstruction, strategy

Introduction

In recent years, the degree of education modernization in our country is getting higher and higher, which is due to the great achievements of China's education in the field of information technology. According to the "12th Five-Year plan" requirements, to basically complete access to the Internet in the primary and middle schools in the "12th Five-Year" period, the basic realization of each school has at least one set of multimedia teaching equipment; the basic realization of various learning Internet coverage, with network teaching and learning environment. 2015 is the end of the year plan in 12th Five-Year, the above educational objectives will be basically realized, when the degree of China's education information will be more comprehensive upgrade.

However, because of China's unbalanced regional development, resulting in uneven educational resources in eastern coastal and western inland area distribution, superior economic conditions in eastern region to promote local development of education informatization, while the western region lack more educational resources, educational information development lags behind. At the national level, there is a lack of reasonable and effective supervision in the allocation of public education resources in china.

On the path from the perspective of the evolution of the Internet, "Internet +" innovation is Chinese Internet development new form, new formats, the Internet is the evolution of knowledge innovation driven society is the result of knowledge innovation, technology and management interactive, promote the Internet in cloud computing, big data, networking and other new generation of information technology, is the carrier of financial resources, knowledge society, technology and management in one of the innovation, combined with the Internet, they will bring greater development space that is not only the driving force of innovation, and is a tool and source of innovation.

1Jiangxi University of Engineering, Xinyu, Jiangxi 338000 China
From a technical perspective, "Internet +" refers to a set of information technology based on Internet based (including mobile Internet, cloud computing, big data technology, networking and so on) in the fields of economy, social life, diffusion and application process. From the economic perspective, "Internet +" represents a new economic form, with the Internet as the infrastructure development and implementation of the new form of economic tools. From a network perspective, "Internet +" is not only an information network, it is a matter, energy and information in connection with the Internet of things.

Figure 1. Internet+.

The Proposed Methodology

"Internet + education" model. "Internet plus education" is the education online, data visualization, independent and personalized. Educational resources are ubiquitous, and students can be dynamic on demand. The teaching and learning model has changed, and the extensive learning and interactive learning become the mainstream. Educational management data, visualization, intelligence, so that more accurate decision-making, science.

"Internet plus education" is to change the perspective of the information education. Campus is the carrier of education, digital campus and the wisdom of the campus is standing on the campus point of view of the campus business digital, information, intelligence. "Internet plus education" is to build a station on the Internet from the perspective of education, running education, weakening the campus, strengthen the essence of education, is the campus of the internet. The transformation of this perspective is conducive to a high degree of integration of education and the internet.

"Internet plus education" is a cooperative mode, requirement of the educational information integration, collaborative development. On the one hand to achieve the sharing of resources, the integration of the system, the system and the high degree of integration of the business, on the other hand, to achieve the construction of information technology and teachers and students, objects, organizations, management, etc..

The education informatization in China has 30 years of development, China's education informatization construction, through the application of information, basically completed, at
present most of the schools in the business integration, information integration and innovation direction, to change the education informatization from extensive to intensive. From the "Digital Campus" to "smart campus" construction, has begun to explore and practice will be combined with cloud computing, big data, networking and education, in order to lay the foundation for "Internet plus education".

**Internet technology and “Internet +”**. The Internet technology provides a solid, fast, and diverse information platform for the humanities education, between different borders, different nationalities and cultural exchanges and integration, it is like a window on to the world, people stay at home, every corner of the world can understand. In the context of the Internet, universities and society more closely, the humanistic quality education to the overall construction of an open collaborative mode, teachers, managers, organizations and enterprises have become the main part of this education mode, open and diversified to become a major feature of the present college humanities literacy education.

In the open Internet, it is easier for people to find ways to release their inner feelings and express themselves. The humanistic quality education in colleges and universities needs to produce actual effect, only to adapt to the psychological characteristics of college students, the use of the advantages of the Internet, in order to maximize the role of humanistic literacy education.

According to the famous psychologist David McClelland's competency model (iceberg theory), ability is just like an iceberg, generally see is the tip of the professional knowledge and skills on the surface, but most of the qualities that are hidden in the depths of the iceberg, including innovation, competition, self-display, communication, expression, cooperation ability and honesty, responsibility, moral quality part. The ability of an iceberg is the basic quality of a job, that is, the basic quality of the work, and the hidden part of the iceberg is the quality and ability of the distinguished professional person, which is different from the ordinary one, which is called the identification quality.

From the "Internet plus" perspective, wisdom education is the inevitable trend of the development of education information. The wisdom of the humanistic quality education advocated by using information technology, through the intelligent learning environment, the wisdom of teaching method, teaching methods, evaluation of wisdom to build the humanistic education teaching system, to provide optimal learning support services for students.

The wisdom of teaching method is to emphasize the use of modern information technology on the basis of the reform of traditional teaching methods, namely, the traditional classroom teaching and network teaching, virtual docking environment and reality, in the link of unlimited resources. As the designer of the course teaching, the teacher integrates the learning content, constructs the interactive system, and provides a rich learning content, learning tools and situational training to meet the needs of students' individualized learning. For example, the flipped classroom, information technology, integration of teaching and so on are reflected in the Internet perspective, the reform of traditional teaching methods.

"Internet plus" teaching is the trend of today's education, but does not mean that is the only way to teach, not that you can completely replace the traditional classroom normalization. At present, the humanistic quality education in Colleges and universities should be a multi class model.

Cloud computing is a new computing model and storage mode, managing a large amount of resources, in itself, is a model of infrastructure management. The migration of cloud computing in the field of education called "education", is the infrastructure of future education informatization, including all the hardware necessary for the education information computing resources, these resources by digitalization and virtualization, and provide a good platform to
educational institutions, education practitioners and students, the platform the role is to provide cloud services to the field of education.

**Big data.** Big data in the field of education has been more and more widely used, the school has a high quality of data available, gradually become a reality. Big data on education should be in networking, cloud computing, mobile Internet and other new generation of information technology development and mature on the basis of valuable data mining in the student database, database, teaching faculty resources database, database research, through the analysis process and comprehensive. To find the intrinsic link between students, teachers, administrators of various acts of benefit and efficiency of teaching and scientific research, management, social services, education and make accurate decision.

The material is mainly used in the campus network entity, the embedded sensors or equipment to the campus, such as classrooms, libraries, laboratories, parking lot, and connect them with the software application system platform, combined with the overall implementation of school facilities, teaching services, communication services, research services and management services.

**Education strategy.** Application of "Internet plus education" is the subject of participation, namely students, teachers, administrators, and other public bodies, integration of teaching and learning activities, scientific research, management, life etc.. The main body and the "cloud" is a process of interaction, on the one hand, they obtain the data and resources from the "cloud", on the other hand, their own learning, research, teaching and management activities of the formation of data and resources and to the "cloud", and so on, drive and improvement of education.

"Internet plus education" of the students, students follow the "wide" principle, cannot pass the exam or graduation selection, but to comply with the "strict" principle. In the process of training students, we must first understand the market, but also to understand the students. Then according to the student's personality, hobbies, characteristics, found that the potential for students to work for students to recommend personalized courses, or students choose courses. Finally, through the assessment and evaluation of the process of assessment, certification, job or continue to develop.

"Internet plus education" management refers to the management system of cloud platform, and information, management information, information resources, information maintenance of intelligent processing, through large data mining, analysis, comparison, transformation and other operations, provide resources, data integration, information management, monitoring the running state and education quality monitoring services support for the realization of education management, intelligent decision, visual control, safety warning and remote supervision, further development and innovation of the education decision making and suggestions and feedback to promote the education of the cloud.

"Internet plus education" focuses on the application and innovation in the development of education informatization in order to build a good information service chain and operation mechanism. The current information technology education should move towards integration, openness, cooperation, innovation development, the informatization of education should continue to integrate various technologies, the integration of various resources, to apply for the pilot to learning and innovation as the goal, to achieve technology and resources for education, and easy to use, practical. To achieve these goals, the school is the education informationization reform to go on the road, or take the regional joint development path, or collaborative construction, hierarchical deployment way, the same is a better vision of education.

We need to continue to explore cloud computing, big data, networking, mobile Internet and other new generation of information technology to achieve the effective mode of education,
technology education services, education to promote technological innovation, promote technological promotion, realize benign interaction between technology and education.

**Conclusion**

Due to the current development of education in the country is not balanced, and the rural part of remote schools are quite lacking in hardware and software, which requires the state government departments will be more educational resources to these areas, and actively guide more healthy social capital inflows to the development of education in these areas, provide the basis for building "Internet plus education" then the mode, speed up the implementation of fair education, promote the balanced development of education in China, promoting China's education informatization construction. "Internet plus education" blueprint for the requirements of each business integration, the integration of various resources, technology integration, business integration makes the sector boundaries blurred, flat organizational structure, the organizational structure of the current campus has a great impact. The practice of educational informatization in many colleges and universities has proved that the organizational structure of schools has hindered the progress of educational informatization to a certain extent, and reduced the efficiency and achievement of educational informatization. In the humanities education, the universities should make full use of the Internet technology, break the closed and separated humanities literacy training framework, and implement the training mode of collaborative innovation and integration development. However, the innovation of the model requires the reform of the internal mechanism of colleges and universities, and the fragmented organizational structure hinders the development of integration. Therefore, we need to optimize the old organizational structure from the perspective of the Internet.

**Reference**


